INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/41488 CLASSIFICATION OF SUBJECT MATTER : B21C 3/02 IPC(7) US CI : 72/467; 76/107.4 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 72/467: 76/107.4 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Ejectronic data base consulted during the international search (name of data base and, where practicable, search terms used) DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 4,392,397 A (ENGELFRIET et al) 12 July 1983 (12.07.1983), see Figures 4-7 and 1-5 and 10-17 column 5, lines 30-62, and column 6, lines 1-4, γ 6-9 and 18-20 Y US 2,027,787 A (RIDGWAY et al) 14 January 1936 (14.01.1936), see the Figure and 6-8, 19 and 20 page 4, column 2, lines 35-70. Δ US 1,597,927 A (SIMONS) 31 August 1926 (31,08,1926), see Figures 3 and 5. 2 US 4,145,910 A (SCHEEL) 27 March 1979, (27.03.1979), see Figures 1 and 2. 1-20 US 4,241,625 A (CORBIN et al) 30 December 1980 (30.12.1980), see Figure 4. 1-20 A US 4.260,397 A (BOVENKERK) 07 April 1981 (07.04.1981), see column 5, lines 55-67, 1-20 A and column 6, lines 1-3 Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the sevention "A" document defining the general state of the art which is not considered to be of particular relevance document of particular relevance; the claimed invention cannot be "E" cartier application or potent published on or after the international filling date considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is ened to document of particular relevance, the claimed invention cannot be establish the publication date of another creation or other special season to specified) considered to anvolve an inventive step when the docum combined with one or more other such documents, such combination "O" document referring to an oral disclosure, use, exhibition or other means being obvious to a person skilled in the art "P" document published prior to the international filling date but fater than the document member of the same nation (amily priority date claimed Date of the actual completion of the international search of the international search report 26 April 2005 (26.04.2005) red office Health Fren Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 703-308-1078

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